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United States
Department of
Agriculture

Animal and
Plant Health
Inspection
Service

**Veterinary
Services**

Hyattsville, Md.

Veterinary Biological Products

Licensees and Permittees

July 1985

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I N T R O D U C T I O N

This publication lists all licensed establishments, licensees, and permittees, with their subsidiaries and divisions, as well as the biological products they are authorized to produce or import.

An alphabetical listing identifies the firms with the appropriate establishment license number.

The listing of licensed establishments by number identifies each licensee, permittee, subsidiary, and division authorized to do business in the establishment.

The index of product components lists by page number where each antigenic fraction is listed. The fraction reference may appear in more than one section; for example, canine distemper appears in vaccines, antiserums, and vaccines with bacterin/toxoids, and diagnostics.

Under the alphabetical listing of licensed biological products, the principal parts of the true name are underlined, and each product is assigned a code number by Veterinary Services. A separate license is issued and a code number assigned for each Outline of Production filed. The license number of each firm authorized to produce a biological product is listed to the right of the product.

The alphanumeric system used for product codes provides for a six-digit number or number-letter combination to be assigned to each product, i.e., the first digit denotes product types; second and third, grouping by agents; fourth, the viability of vaccines (live, killed, modified live, etc.); fifth, substrates; and sixth, miscellaneous variables.

Included for the first time in this issue is a section designated "Products for Further Manufacture." These products represent one or more biological fractions brought to a prescribed stage of production requiring further processing before becoming a completed or finished product.

True names for these products describe only the product licensed, such as "bulk harvest fluids," "inactivated culture," "purified antibody," etc. Product nomenclature such as "Bacterin" and "Vaccine" is used only for completed product.

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JULY 1985

ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
A M BIO TECHNIQUES INC	292
ADVANCED GENETICS RESEARCH INSTITUTE	306
AFFILIATED LABORATORIES	225
AGRI LABORATORIES, LTD.	272
AGRI-BIO CORPORATION	269
AGRIMART LABORATORIES	272
AGRITECH SYSTEMS, INC.	313
AMBICO, INC.	281
AMERICAN HOME PRODUCTS CORPORATION	112 112A 112B 112C
AMERICAN SCIENTIFIC LABORATORIES	165A 165B
AMERICANA LABORATORIES, INC.	188
ANCHOR DIVISION	124
ANIMAL PRODUCTS DIVISION IMC	226
APPL TECHNOLOGIES & PHARMACEUTICALS INC.	310
BARRY LABORATORIES, INC.	283
BAYVET	52
BEECHAM LABORATORIES	225
BEECHAM, INC.	225
BIO-CEUTIC DIVISION	124
BIOLOGICS CORPORATION	272
BIOLOGICS PRODUCTION, INC.	240
BIOMED RESEARCH LABORATORIES, INC.	285
BIONETICS LABORATORY PRODUCTS	293
BOEHRINGER INGELHEIM ANIMAL HEALTH, INC.	124
BURNS-BIOTEC LABORATORIES, INC.	165A 165B
CENTER LABORATORIES	259
CEVA LABORATORIES, INC.	243 243A

ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
COLORADO SERUM COMPANY	188
CONNAUGHT ANIMAL HEALTH	287
CONNAUGHT LABORATORIES (PERMITTEE)	296
CONNAUGHT LABORATORIES, INC.	287
CONTINENTAL ANIMAL HEALTH	165A 165B
CONTINENTAL PHARMACAL COMPANY	188
COOPER ANIMAL HEALTH, INC. (PERMITTEE)	311
COOPERS ANIMAL HEALTH, INC.	107
CORN STATES LABORATORIES	301
CUSTOM BIOLOGICS, INC.	272
DARYL LABORATORIES INC.	299 299A
DEKALB AG RESEARCH, INC.	271
DELAWARE POULTRY LABORATORIES	226
DELLEN LABORATORIES, INC.	272
DENVER COLORADO LABORATORIES, INC.	188
DIAMOND LABORATORIES, INC.	213
DOUGLAS INDUSTRIES, INC	165B
DURVET LABORATORIES	272
ELARS BIO-PHARMACEUTICALS, INC.	272
EM INDUSTRIES, INCORPORATED	259
EMPIRE VETERINARY COMPANY	188
FORT DODGE LABORATORIES, INC.	112 112A 112B 112C
FORT DODGE LABORATORIES, INC. (IOWA)	112
FORT DODGE LABORATORIES, INC. (TEXAS)	112C
FRANKLIN LABORATORIES, INC.	112 112A 112B 112C
FROMM LABORATORIES, INC.	195 195A
GRAND LABORATORIES INC.	303

ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>	
GREENBRIAR VETERINARY SERVICES, INC	297	
GREER LABORATORIES, INC.	294	
HOLLISTER-STIER	52A	
IMMUNO LABS, INC.	272	
INTERNATIONAL MINERAL & CHEMICAL CORP.	226	
INTERNATIONAL, INC.	188	
INTERVET AMERICA INC.	286	
JOHNSON & JOHNSON	264	
KEEVET LABORATORIES	280	
KUNZ-TEBBIT LABORATORIES	277	
LIFE TECHNOLOGIES INC.	245	
LITTON BIONETICS, INC	293	
LONG ISLAND DUCK RESEARCH COOP., INC.	268	
MAINE BIOLOGICAL LABORATORIES, INC.	240	
MALLINCKRODT, INC.	295	295A
MED-TECH VETERINARIAN PRODUCTS, INC.	272	
MEDATZ INC.	196	
MEDICO INDUSTRIES, INC.	272	
MERCK & COMPANY, INC.	3	
MERCK CHEMICAL DIVISION	3	
MERCK SHARP & DOHME INTERNATIONAL	3	
MERIEUX LABORATORIES, INC.	298	
METROPOLITAN MEDICAL COMPANY	188	
MICHIGAN DEPT OF PUBLIC HEALTH	308	
MICROBIOLOGICAL ASSOCIATES, INC.	299	299A
MILES LABORATORIES, INC.	52	52A 270
MILES PHARMACEUTICALS	270	

ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
MOLECULAR GENETICS, INC	284
MVP, INC.	301
MYZON LABORATORIES, INC.	213
NORDEN LABORATORIES	189
PET VACCINES	272
PITMAN-MOORE, INC.	264
PROFESSIONAL BIOLOGICAL COMPANY	188
RAGLAND RESEARCH, INC	289
RIBI IMMUNOCHEM RESEARCH, INC.	300
ROLYNN LABORATORIES, INC	165B
SALSBURY LABORATORIES, INC.	195 195A
SCHERING CORPORATION	165A 165B 165C
SCHERING VETERINARY	165A 165B
SCIENTIFIC LABORATORIES, INC.	188
SELECT LABORATORIES, INC.	279
SMITHKLINE ANIMAL HEALTH PRODUCTS	189
SMITHKLINE BECKMAN CORPORATION	189
SOUTHWESTERN LABORATORIES, INC.	213
STERLING DRUG INC.	309
STERWIN LABORATORIES, INC.	226
SYNBIOTICS CORPORATION	312
SYNGENE PRODUCTS AND RESEARCH, INC.	272
SYNTEX (U.S.A.), INC.	213
SYNTEX AGRIBUSINESS, INC.	213
TAVOLEK, INC.	264
TECH-INTERNATIONAL, INC.	272
TECHAMERICA DIAGNOSTICS	272A

ALPHABETICAL LISTING
LICENSEES - SUBSIDIARIES - DIVISIONS

	<u>LICENSE NUMBER</u>
TECHAMERICA GROUP INC.	272A
TECHAMERICA GROUP, INC.	272
TEXAS VET LAB INC	290
TRANS-WORLD LABORATORIES, INC.	213
TRI-BIO LABORATORIES, INC.	275
UNITED VETERINARY LABORATORIES	245
UNIVERSAL LABORATORIES, INC.	188
UNIVERSITY LABORATORIES, INC.	291
VINELAND LABORATORIES	196
WHITTAKER M.A. BIOPRODUCTS, INC.	278
WILDLIFE VACCINES, INC.	277
WYETH INTERNATIONAL LIMITED	112 112A 112B 112C
WYETH VETERINARY PRODUCTS, INC.	112 112A 112B 112C

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

MERCK & COMPANY, INC.

3

DIVISIONS:

MERCK CHEMICAL DIVISION

MERCK SHARP & DOHME INTERNATIONAL

MAIL: MERCK SHARP & DOHME
DIVISION OF MERCK & CO., INC.
WEST POINT, PA 19486

MILES LABORATORIES, INC.

52

DIVISIONS:

BAYVET

MAIL: BAYVET DIVISION
MILES LABORATORIES, INC.
P. O. BOX 390
SHAWNEE MISSION, KS 66201

MILES LABORATORIES, INC.

52A

DIVISIONS:

HOLLISTER-STIER

MAIL: HOLLISTER-STIER
DIV OF MILES LABORATORIES INC
P O BOX 3145
SPOKANE, WA 99220-3153

COOPERS ANIMAL HEALTH, INC.

107

MAIL: COOPERS ANIMAL HEALTH, INC.
2000 SOUTH 11TH STREET
KANSAS CITY, KS 66103

AMERICAN HOME PRODUCTS CORPORATION

112

SUBSIDIARIES:

WYETH VETERINARY PRODUCTS, INC.

WYETH INTERNATIONAL LIMITED

FRANKLIN LABORATORIES, INC.

FORT DODGE LABORATORIES, INC.

FORT DODGE LABORATORIES, INC. (IOWA)

MAIL: FORT DODGE LABORATORIES, INC.
FORT DODGE, IA 50501

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

AMERICAN HOME PRODUCTS CORPORATION	112A
SUBSIDIARIES:	
FORT DODGE LABORATORIES, INC.	
FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED	
WYETH VETERINARY PRODUCTS, INC.	
MAIL:	FRANKLIN LABORATORIES, INC.
	P.O. BOX 669
	AMARILLO, TX 79105
AMERICAN HOME PRODUCTS CORPORATION	112B
SUBSIDIARIES:	
FORT DODGE LABORATORIES, INC.	
FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED	
WYETH VETERINARY PRODUCTS, INC.	
MAIL:	WYETH LABORATORIES, INC.
	WASP & BIDDLE STREETS
	MARIETTA, PA 17547
AMERICAN HOME PRODUCTS CORPORATION	112C
SUBSIDIARIES:	
FORT DODGE LABORATORIES, INC.	
FORT DODGE LABORATORIES, INC. (TEXAS)	
FRANKLIN LABORATORIES, INC.	
WYETH INTERNATIONAL LIMITED	
WYETH VETERINARY PRODUCTS, INC.	
MAIL:	FORT DODGE LABORATORIES, INC.
	2114 SOUTH FIRST STREET
	TEMPLE, TX 76501
BOEHRINGER INGELHEIM ANIMAL HEALTH, INC.	124
DIVISIONS:	
BIO-CEUTIC DIVISION	
ANCHOR DIVISION	
MAIL:	BOEHRINGER INGELHEIM ANIMAL HLTH
	2621 NORTH BELT HIGHWAY
	ST. JOSEPH, MO 64502

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

SCHERING CORPORATION	165A
SUBSIDIARIES:	
BURNS-BIOTEC LABORATORIES, INC.	
DIVISIONS:	
SCHERING VETERINARY	
AMERICAN SCIENTIFIC LABORATORIES	
CONTINENTAL ANIMAL HEALTH	
MAIL:	BURNS-BIOTEC LABORATORIES, INC.
	P.O. BOX 3113
	OMAHA, NE 68103 U.S.A.
SCHERING CORPORATION	165B
SUBSIDIARIES:	
DOUGLAS INDUSTRIES, INC	
ROLYNN LABORATORIES, INC	
BURNS-BIOTEC LABORATORIES, INC.	
DIVISIONS:	
AMERICAN SCIENTIFIC LABORATORIES	
CONTINENTAL ANIMAL HEALTH	
SCHERING VETERINARY	
MAIL:	DOUGLAS INDUSTRIES, INC.
	8906 ROSEHILL ROAD
	LENEXA, KS 66215
SCHERING CORPORATION	165C
MAIL:	SCHERING CORPORATION
	U.S. PHARMACEUTICAL PRODUCTS DIV
	1011 MORRIS AVENUE BUILDING U-14
	UNION, NJ 07083
COLORADO SERUM COMPANY	188
SUBSIDIARIES:	
AMERICANA LABORATORIES, INC.	
CONTINENTAL PHARMACAL COMPANY	
DENVER COLORADO LABORATORIES, INC.	
EMPIRE VETERINARY COMPANY	
INTERNATIONAL, INC.	
METROPOLITAN MEDICAL COMPANY	
PROFESSIONAL BIOLOGICAL COMPANY	
SCIENTIFIC LABORATORIES, INC.	
UNIVERSAL LABORATORIES, INC.	
MAIL:	COLORADO SERUM COMPANY
	4950 YORK STREET
	DENVER, CO 80216

NUMERICAL LISTING
OF
ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
SMITHKLINE BECKMAN CORPORATION	189
SUBSIDIARIES:	
NORDEN LABORATORIES	
DIVISIONS:	
SMITHKLINE ANIMAL HEALTH PRODUCTS	
MAIL: NORDEN LABORATORIES	
P.O. BOX 80809	
LINCOLN, NE 68501	
SALSBURY LABORATORIES, INC.	195
SUBSIDIARIES:	
FROMM LABORATORIES, INC.	
MAIL: SALSBURY LABORATORIES, INC.	
2000 ROCKFORD ROAD	
CHARLES CITY, IA 50616	
SALSBURY LABORATORIES, INC.	195A
SUBSIDIARIES:	
FROMM LABORATORIES, INC.	
MAIL: FROMM LABORATORIES, INC.	
703 LAKE SHORE ROAD	
GRAFTON, WI 53024	
MEDATZ INC.	196
DIVISIONS:	
VINELAND LABORATORIES	
MAIL: VINELAND LABORATORIES	
2285 EAST LANDIS AVENUE	
VINELAND, NJ 08360	
SYNTEX (U.S.A.), INC.	213
SUBSIDIARIES:	
SYNTEX AGRIBUSINESS, INC.	
DIAMOND LABORATORIES, INC.	
MYZON LABORATORIES, INC.	
SOUTHWESTERN LABORATORIES, INC.	
TRANS-WORLD LABORATORIES, INC.	
MAIL: SYNTEX (U.S.A.), INC.	
P.O. BOX 863	
DES MOINES, IA 50304	

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

BEECHAM, INC. 225

SUBSIDIARIES:

AFFILIATED LABORATORIES

DIVISIONS:

BEECHAM LABORATORIES

MAIL: BEECHAM LABORATORIES
P.O. BOX 221
WHITE HALL, IL 62092

INTERNATIONAL MINERAL & CHEMICAL CORP. 226

SUBSIDIARIES:

STERWIN LABORATORIES, INC.

DIVISIONS:

DELAWARE POULTRY LABORATORIES

ANIMAL PRODUCTS DIVISION IMC

MAIL: STERWIN LABORATORIES, INC.
P.O. BOX 537
MILLSBORO, DE 19966

MAINE BIOLOGICAL LABORATORIES, INC. 240

SUBSIDIARIES:

BIOLOGICS PRODUCTION, INC.

MAIL: MAINE BIOLOGICAL LABORATORIES
P.O. BOX 255
WATERVILLE, ME 04901

CEVA LABORATORIES, INC. 243

MAIL: CEVA LABORATORIES, INC.
P.O. BOX 6
BERLIN, MD 21811

CEVA LABORATORIES, INC. 243A

MAIL: CEVA LABORATORIES, INC.
12300 SANTA FE DRIVE
LENEXA, KS 66215

LIFE TECHNOLOGIES INC. 245

DIVISIONS:

UNITED VETERINARY LABORATORIES

MAIL: UNITED VETERINARY LABORATORIES
P O BOX 37
7819 AIRPORT ROAD
MIDDLETON, WI 53562

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

EM INDUSTRIES, INCORPORATED DIVISIONS: CENTER LABORATORIES MAIL: CENTER LABORATORIES 35 CHANNEL DRIVE PORT WASHINGTON, NY 11050	259
JOHNSON & JOHNSON SUBSIDIARIES: PITMAN-MOORE, INC. DIVISIONS: TAVOLEK, INC. MAIL: PITMAN-MOORE, INC. P.O. BOX 344 WASHINGTON CROSSING, NJ 08560	264
LONG ISLAND DUCK RESEARCH COOP., INC. MAIL: LONG ISLAND DUCK RESEARCH COOP. OLD COUNTRY ROAD P.O. BOX 217 EASTPORT, NY 11941	268
AGRI-BIO CORPORATION MAIL: AGRI-BIO CORPORATION P O BOX 897 GAINESVILLE, GA 30503	269
MILES LABORATORIES, INC. DIVISIONS: MILES PHARMACEUTICALS MAIL: MILES PHARMACEUTICALS DIVISION OF MILES LABS, INC. 400 MORGAN LANE WEST HAVEN, CT 06516	270
DEKALB AG RESEARCH, INC. MAIL: DEKALB AG RESEARCH, INC. SYCAMORE ROAD DEKALB, IL 60115	271

NUMERICAL LISTING
OF
ESTABLISHMENTS

LICENSE NUMBER

TECHAMERICA GROUP, INC.

272

SUBSIDIARIES:

BIOLOGICS CORPORATION
AGRI LABORATORIES, LTD.
ELARS BIO-PHARMACEUTICALS, INC.
IMMUNO LABS, INC.
MEDICO INDUSTRIES, INC.
MED-TECH VETERINARIAN PRODUCTS, INC.
SYNGENE PRODUCTS AND RESEARCH, INC.
TECH-INTERNATIONAL, INC.

DIVISIONS:

AGRIMART LABORATORIES
CUSTOM BIOLOGICS, INC.
DELLEN LABORATORIES, INC.
DURVET LABORATORIES
PET VACCINES

MAIL: BIOLOGICS CORPORATION
2720 NORTH 84TH STREET
OMAHA, NE 68134

TECHAMERICA GROUP INC.

272A

SUBSIDIARIES:

TECHAMERICA DIAGNOSTICS

MAIL: TECHAMERICA DIAGNOSTICS
P O BOX 338
15TH AND OAK STREETS
ELWOOD, KS 66024

TRI-BIO LABORATORIES, INC.

275

MAIL: TRI-BIO LABORATORIES, INC.
1400 FOX HILL ROAD
STATE COLLEGE, PA 16801

WILDLIFE VACCINES, INC.

277

SUBSIDIARIES:

KUNZ-TEBBIT LABORATORIES

MAIL: WILDLIFE VACCINES, INC.
11475 W. 48TH AVENUE
WHEAT RIDGE, CO 80033

WHITTAKER M.A. BIOPRODUCTS, INC.

278

MAIL: WHITTAKER M.A. BIOPRODUCTS, INC.
BUILDING 100
BIGGS FORD ROAD
WALKERSVILLE, MD 21793

NUMERICAL LISTING
OF
ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
SELECT LABORATORIES, INC.	279
MAIL: SELECT LABORATORIES, INC. P O DRAWER 2415 GAINESVILLE, GA 30501	
KEEVET LABORATORIES	280
MAIL: KEEVET LABORATORIES P.O. BOX 1706 ANNISTON, AL 36202	
AMBICO, INC.	281
MAIL: AMBICO, INC. ROUTE 2, P.O. BOX M DALLAS CENTER, IA 50063	
BARRY LABORATORIES, INC.	283
MAIL: BARRY LABORATORIES, INC. 461 NORTHEAST 27TH STREET POMPANO BEACH, FL 33064	
MOLECULAR GENETICS, INC	284
MAIL: MOLECULAR GENETICS, INC 10320 BREN ROAD EAST MINNETONKA, MN 55343	
BIOMED RESEARCH LABORATORIES, INC.	285
MAIL: BIOMED RESEARCH LABORATORIES, INC 1115 EAST PIKE STREET SEATTLE, WA 98122	
INTERVET AMERICA INC.	286
MAIL: INTERVET AMERICA INC. P.O. BOX 318 OLD LANDING ROAD MILLSBORO, DE 19966	
CONNAUGHT LABORATORIES, INC.	287
DIVISIONS: CONNAUGHT ANIMAL HEALTH	
MAIL: CONNAUGHT LABORATORIES, INC. SWIFTWATER, PA 18370	

NUMERICAL LISTING
OF
ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
RAGLAND RESEARCH, INC	289
MAIL: RAGLAND RESEARCH, INC	
119 ROWE ROAD	
ATHENS, GA 30601	
 TEXAS VET LAB INC	 290
MAIL: TEXAS VET LAB INC	
1202 NORTH BELL STREET	
SAN ANGELO, TX, 76903	
 UNIVERSITY LABORATORIES, INC.	 291
MAIL: UNIVERSITY LABORATORIES, INC.	
810 NORTH SECOND AVENUE	
HIGHLAND PARK, NJ 08904	
 A M BIO TECHNIQUES INC	 292
MAIL: A M BIO TECHNIQUES INC	
212 EAST CENTRAL	
BELTON, TX 76513	
 LITTON BIONETICS, INC	 293
DIVISIONS:	
BIONETICS LABORATORY PRODUCTS	
MAIL: LITTON BIONETICS, INC	
5516 NICHOLSON LANE	
KENSINGTON, MD 20895	
 GREER LABORATORIES, INC.	 294
MAIL: GREER LABORATORIES INC	
P O BOX 800	
LENOIR, NC 28645	
 MALLINCKRODT, INC.	 295
MAIL: MALLINCKRODT, INC.	
P O BOX 5840	
675 MCDONNELL BLVD.	
ST LOUIS, MO 63134	
 MALLINCKRODT, INC.	 295A
MAIL: MALLINCKRODT, INC.	
P O BOX 5840	
675 MCDONNELL BLVD.	
ST LOUIS, MO 63134	

NUMERICAL LISTING
OF
ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
CONNAUGHT LABORATORIES (PERMITTEE)	296
MAIL: CONNAUGHT LABORATORIES	
SWIFTWATER, PA 18370	
 GREENBRIAR VETERINARY SERVICES, INC	 297
MAIL: G.V.S. INC	
6040 DUBLIN ROAD	
DELAWARE, OH 43015	
 MERIEUX LABORATORIES, INC.	 298
MAIL: MERIEUX LABORATORIES, INC.	
117 ROWE ROAD	
ATHENS, GA 30601	
 DARYL LABORATORIES INC.	 299
SUBSIDIARIES:	
MICROBIOLOGICAL ASSOCIATES, INC.	
MAIL: DARYL LABORATORIES INC.	
2220 MARTIN AVE.	
SANTA CLARA, CA 95050	
 DARYL LABORATORIES INC.	 299A
SUBSIDIARIES:	
MICROBIOLOGICAL ASSOCIATES, INC.	
MAIL: MICROBIOLOGICAL ASSOCIATES	
5221 RIVER ROAD	
BETHESDA, MD 20816	
 RIBI IMMUNOCHEM RESEARCH, INC.	 300
MAIL: RIBI IMMUNOCHEM RESEARCH, INC.	
P O BOX 1409	
HAMILTON, MT 59840	
 MVP, INC.	 301
DIVISIONS:	
MVP, INC.	
CORN STATES LABORATORIES	
MAIL: MVP, INC.	
5404 MILLER AVE.	
RALSTON, NE 68127	

NUMERICAL LISTING
OF
ESTABLISHMENTS

	<u>LICENSE NUMBER</u>
GRAND LABORATORIES INC. MAIL: GRAND LABORATORIES INC. LARCHWOOD, IA 51241	303
ADVANCED GENETICS RESEARCH INSTITUTE MAIL: ADVANCED GENETICS RES INSTITUTE 2220 LIVINGSTON STREET OAKLAND, CA 94606	306
MICHIGAN DEPT OF PUBLIC HEALTH MAIL: MICHIGAN DEPT OF PUBLIC HEALTH 3500 N. LOGAN STREET P O BOX 30035 LANSING, MI 48909	308
STERLING DRUG INC. MAIL: STERLING DRUG INC. P O BOX 999 OPELIKA, AL 36801	309
APPL TECHNOLOGIES & PHARMACEUTICALS INC. MAIL: APPL TECHNOL & PHARMACEUTICALS SUITE 110 NORTH 430 10TH STREET ATLANTA, GA 30318	310
COOPER ANIMAL HEALTH, INC. (PERMITTEE) MAIL: COOPER ANIMAL HEALTH, INC. 2000 SOUTH 11TH STREET KANSAS CITY, KS 66103	311
SYNBIOTICS CORPORATION MAIL: SYNBIOTICS CORPORATION 11011 VIA FRONTERA SAN DIEGO, CA 92127	312
AGRITECH SYSTEMS, INC. MAIL: AGRITECH SYSTEMS, INC. 58 FORE STREET PORTLAND, ME 04101	313

LIST OF LICENSED VETERINARY BIOLOGICAL PRODUCTS

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>ALCALIGENES FAECALIS VACCINE</u>				
1021.00	AVIRULENT LIVE CULTURE	165A			
	<u>ANAPLASMOSIS VACCINE</u>				
1005.50	KILLED	112			
	<u>ANTHRAX SPORE VACCINE</u>				
1011.00	LIVE CULTURE	52	107	188	
	<u>AUTOGENOUS VACCINE</u>				
1015.00		303			
1015.20		225	303		
	<u>AVIAN ENCEPHALOMYELITIS VACCINE</u>				
1051.10	LIVE VIRUS	195	196		
1051.11	LIVE VIRUS	195	196	226	243
		269	286		
1055.10	KILLED VIRUS	240			
	<u>AVIAN ENCEPHALOMYELITIS-FOWL POX VACCINE</u>				
10M1.10	LIVE VIRUS	165A	195	196	226
		243	286		
10M1.11	LIVE VIRUS	286			
	<u>AVIAN PARAINFLUENZA VACCINE</u>				
1065.10	KILLED VIRUS	240			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>AVIAN PARAMYXOVIRUS VACCINE</u>		
1115.10	TYPE 1, KILLED VIRUS	240
<u>AVIAN REOVIRUS VACCINE</u>		
1045.00	KILLED VIRUS	196 240 286
1045.20	KILLED VIRUS	298
<u>BLUETONGUE VACCINE</u>		
1061.00	MODIFIED LIVE VIRUS	188
<u>BORDETELLA BRONCHISEPTICA VACCINE</u>		
1081.00	AVIRULENT LIVE CULTURE	165A 303
1081.01	AVIRULENT LIVE CULTURE	124
<u>BOVINE RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>		
1091.00	MODIFIED LIVE VIRUS	213
1091.20	MODIFIED LIVE VIRUS	189
<u>BOVINE RHINOTRACHEITIS VACCINE</u>		
1101.00	MODIFIED LIVE VIRUS	107 188 213 243A 264
1101.01	MODIFIED LIVE VIRUS	52 107 225
1101.20	MODIFIED LIVE VIRUS	124 189 243A 272
1105.20	KILLED VIRUS	272

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 VACCINE</u>					
1121.00	MODIFIED LIVE VIRUS	107 243A	188 264	213	225
1121.01	MODIFIED LIVE VIRUS	264			
1121.20	MODIFIED LIVE VIRUS	124	189	225	272
1121.21	MODIFIED LIVE VIRUS	189	225		
1121.31	MODIFIED LIVE VIRUS	52	107		
1125.00	KILLED VIRUS	112			
1125.20	KILLED VIRUS	112			
<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3 RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>					
1071.00	MODIFIED LIVE VIRUS	213			
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE</u>					
1151.00	MODIFIED LIVE VIRUS	52 264	188	213	243A
1151.01	MODIFIED LIVE VIRUS	243A			
1151.20	MODIFIED LIVE VIRUS	189	272		
1151.30	MODIFIED LIVE VIRUS	124			
1155.20	KILLED VIRUS	272			
<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA-PARAINFLUENZA 3 VACCINE</u>					
1171.00	MODIFIED LIVE VIRUS	188	213	243A	264
1171.01	MODIFIED LIVE VIRUS	264			
1171.20	MODIFIED LIVE VIRUS	189	272		
1171.30	MODIFIED LIVE VIRUS	52	124		

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
1175.20	KILLED VIRUS	112			
	<u>BOVINE RHINOTRACHEITIS VIRUS DIARRHEA- PARAINFLUENZA 3- RESPIRATORY SYNCYTIAL VIRUS VACCINE</u>				
1181.00	MODIFIED LIVE VIRUS	213			
	<u>BOVINE ROTA-CORONAVIRUS VACCINE</u>				
1931.20	MODIFIED LIVE VIRUS	189			
	<u>BOVINE VIRUS DIARRHEA VACCINE</u>				
1201.00	MODIFIED LIVE VIRUS	124 264	188	213	243A
1201.20	MODIFIED LIVE VIRUS	189	272		
1205.00	KILLED VIRUS	213			
1205.20	KILLED VIRUS	112	272		
	<u>BRONCHITIS VACCINE</u>				
1231.11	MASS TYPE,LIVE VIRUS	195 269	196 286	226	240
1231.12	MASS TYPE,LIVE VIRUS	195 243	196 286	226	240
1231.14	MASS & CONN TYPES,LIVE VIRUS	195	243	279	286
1231.15	CONN TYPE,LIVE VIRUS	286			
1231.17	MASS & CONN TYPES,LIVE VIRUS	165A			
1231.18	MASS TYPE,LIVE VIRUS	196	226	286	
1231.19	JMK TYPE,LIVE VIRUS	195	286		
1231.20	ARK TYPE,LIVE VIRUS	226	243	286	
1232.10	MASS TYPE,LIVE VIRUS	279			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
1235.10	MASS TYPE, KILLED VIRUS	196			
	<u>BRUCELLA ABORTUS VACCINE</u>				
1251.00	STRAIN 19, LIVE CULTURE	107	188		
1251.01	STRAIN 19, LIVE CULTURE	188			
1251.02	STRAIN 19, LIVE CULTURE, REDUCED DOSE	107	188		
	<u>BURSAL DISEASE VACCINE</u>				
1271.00	LIVE VIRUS	165A	196	269	279
1271.01	LIVE VIRUS	269			
1271.02	LIVE VIRUS	269			
1271.10	LIVE VIRUS	195	226	243	
1271.11	MODIFIED LIVE VIRUS	226			
1271.12	LIVE VIRUS	195	286		
1271.13	LIVE VIRUS, CELL ASSOCIATED	279			
1272.00	LIVE VIRUS	279			
1275.00	KILLED VIRUS	195	196	269	286
1275.10	KILLED VIRUS	196	240	286	
	<u>BURSAL DISEASE-MAREK'S DISEASE VACCINE</u>				
1288.40	MODIFIED LIVE VIRUS, LIVE TURKEY HERPESVIRUS, CELL ASSOCIATED, COMBINATION PACKAGE	226			
1288.41	MODIFIED LIVE VIRUS, LIVE TURKEY HERPESVIRUS, CELL FREE, COMBINATION PACKAGE	226			
1288.42	LIVE VIRUS, LIVE TURKEY HERPESVIRUS, CELL ASSOCIATED	279			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
1288.44	LIVE VIRUS, LIVE CHICKEN & TURKEY HERPESVIRUS, CELL ASSOCIATED, COMBINATION PACKAGE	279			
	<u>BURSAL DISEASE-NEWCASTLE DISEASE VACCINE</u>				
12G5.10	KILLED VIRUS	240	286		
12G5.40	KILLED VIRUS	195	196	269	286
	<u>BURSAL DISEASE-NEWCASTLE DISEASE-B1 TYPE LASOTA STRAIN</u>				
12G8.10	LIVE VIRUS	286			
	<u>BURSAL DISEASE-NEWCASTLE-BRONCHITIS VACCINE</u>				
12J5.10	MASS TYPE, KILLED VIRUS	196			
	<u>BURSAL DISEASE-NEWCASTLE-BRONCHITIS- REOVIRUS VACCINE</u>				
12M5.10	KILLED VIRUS	286			
	<u>CANINE ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE</u>				
1265.20	KILLED VIRUS	272			
12T7.20	MODIFIED LIVE & KILLED VIRUS	272			
	<u>CANINE CORONA-PARVOVIRUS VACCINE</u>				
14R1.20	MODIFIED LIVE VIRUS	112C			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CANINE CORONAVIRUS VACCINE</u>	
14P1.20	MODIFIED LIVE VIRUS	112C
	<u>CANINE DISTEMPER VACCINE</u>	
1301.00	MODIFIED LIVE VIRUS .	195A
1301.09	MODIFIED LIVE VIRUS	195A
1301.20	MODIFIED LIVE VIRUS	107 264
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2 VACCINE</u>	
13A1.20	MODIFIED LIVE VIRUS	189
13A1.30	MODIFIED LIVE VIRUS	195A
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE</u>	
1377.20	MODIFIED LIVE & KILLED VIRUS	272
1449.20	MODIFIED LIVE & KILLED VIRUS	272
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- MEASLES-PARAINFLUENZA VACCINE</u>	
1341.20	MODIFIED LIVE VIRUS	189
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA VACCINE</u>	
13C1.20	MODIFIED LIVE VIRUS	107 189
13C1.30	MODIFIED LIVE VIRUS	195A

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARAINFLUENZA-PARVOVIRUS VACCINE</u>		
13D1.20	MODIFIED LIVE VIRUS	112C 189
13D1.30	MODIFIED LIVE VIRUS	195A
13D1.31	MODIFIED LIVE VIRUS	195A
13D9.00	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	189
13D9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARVOVIRUS VACCINE</u>		
1331.30	MODIFIED LIVE VIRUS	195A
<u>CANINE DISTEMPER-HEPATITIS VACCINE</u>		
1311.00	MODIFIED LIVE VIRUS	112 243A
1311.20	MODIFIED LIVE VIRUS	107 112C 124 225 245 264 272
1311.30	MODIFIED LIVE VIRUS	195A 225
1311.40	MODIFIED LIVE VIRUS	188
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE</u>		
1381.00	MODIFIED LIVE VIRUS	243A
1381.20	MODIFIED LIVE VIRUS	107 112C 124 225 264 272
1381.21	MODIFIED LIVE VIRUS	124
1381.30	MODIFIED LIVE VIRUS	195A 225
1389.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA- PARVOVIRUS VACCINE</u>		
1401.20	MODIFIED LIVE VIRUS	112C 225 264
1401.23	MODIFIED LIVE VIRUS	264
1401.30	MODIFIED LIVE VIRUS	264
1409.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107
<u>CANINE DISTEMPER-MEASLES VACCINE</u>		
1351.20	MODIFIED LIVE VIRUS	189
<u>CANINE DISTEMPER-MEASLES-PARAINFLUENZA VACCINE</u>		
13N1.20	MODIFIED LIVE VIRUS	189
<u>CANINE PARAINFLUENZA VACCINE</u>		
1421.20	MODIFIED LIVE VIRUS	264 272
<u>CANINE PARAINFLUENZA-BORDETELLA BRONCHISEPTICA VACCINE</u>		
14M1.00	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	165A
14M1.20	MODIFIED LIVE VIRUS, AVIRULENT LIVE CULTURE	124
<u>COCCIDIOSIS VACCINE</u>		
1431.50	LIVE OOCYSTS	309
1431.51	LIVE OOCYSTS	309

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>DUCK VIRUS ENTERITIS VACCINE</u>				
1461.10	MODIFIED LIVE VIRUS	268			
	<u>DUCK VIRUS HEPATITIS VACCINE</u>				
14B1.10	MODIFIED LIVE VIRUS	268			
	<u>ENCEPHALOMYELITIS VACCINE</u>				
1475.00	EASTERN, WESTERN, KILLED VIRUS	52	107	112	188
1475.01	EASTERN, WESTERN, KILLED VIRUS	112			
1481.00	VENEZUELAN, MODIFIED LIVE VIRUS	107			
1485.23	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	287			
1485.32	EASTERN, VENEZUELAN, KILLED VIRUS	107			
1485.33	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	107			
	<u>EQUINE ARTERITIS VACCINE</u>				
1531.20	MODIFIED LIVE VIRUS	112			
	<u>EQUINE INFLUENZA VACCINE</u>				
1505.10	KILLED VIRUS	112	287		
1505.20	KILLED VIRUS	52			
	<u>EQUINE RHINOPNEUMONITIS VACCINE</u>				
1521.20	MODIFIED LIVE VIRUS	189			
1525.20	KILLED VIRUS	112			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
<u>ERYSIPELOTHRIX RHUSIOPATHIAE VACCINE</u>					
1541.00	AVIRULENT LIVE CULTURE	112	124	165A	189
<u>FELINE LEUKEMIA VACCINE</u>					
1555.20	KILLED VIRUS	189			
<u>FELINE PANLEUKOPENIA VACCINE</u>					
1561.00	MODIFIED LIVE VIRUS	264			
1561.01	MODIFIED LIVE VIRUS	225	264		
1561.20	MODIFIED LIVE VIRUS	124	189	195A	
1561.21	MODIFIED LIVE VIRUS	124	225	264	272
1565.00	KILLED VIRUS	165A	225	243A	264
1565.20	KILLED VIRUS	107	112	165B	189
		195A	225	264	272
<u>FELINE PANLEUKOPENIA-RABIES VACCINE</u>					
1575.20	KILLED VIRUS	107			
1575.80	KILLED VIRUS	165B			
<u>FELINE PNEUMONITIS VACCINE</u>					
1581.20	MODIFIED LIVE CHLAMYDIA	195A			
<u>FELINE RHINOTRACHEITIS VACCINE</u>					
16A1.20	MODIFIED LIVE VIRUS	264			
<u>FELINE RHINOTRACHEITIS-CALICI VACCINE</u>					
16C1.20	MODIFIED LIVE VIRUS	107	124	189	195A
		225	264	272	

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
16C1.30	MODIFIED LIVE VIRUS	225			
	<u>FELINE RHINOTRACHEITIS-CALICI- PANLEUKOPENIA VACCINE</u>				
16D1.20	MODIFIED LIVE VIRUS	124	189	195A	
16D1.30	MODIFIED LIVE VIRUS	264			
16D5.20	KILLED VIRUS	112			
16D8.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	225	264	272
16D8.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	225	264		
16D9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107	195A	225	272
16D9.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	225	264		
	<u>FELINE RHINOTRACHEITIS-CALICI- PANLEUKOPENIA-PNEUMONITIS VACCINE</u>				
16E1.20	MODIFIED LIVE VIRUS & CHLAMYDIA	195A			
16E8.90	MODIFIED LIVE VIRUS & CHLAMYDIA, COMBINATION PACKAGE	225			
16E9.20	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, COMBINATION PACKAGE	195A			
16E9.90	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA, COMBINATION PACKAGE	225			
	<u>FELINE RHINOTRACHEITIS-CALICI- PANLEUKOPENIA-PNEUMONITIS-RABIES VACCINE</u>				
1610.20	MODIFIED LIVE & KILLED VIRUS & CHLAMYDIA	195A			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>FELINE RHINOTRACHEITIS-CALICI-PANLEUKOPENIA-RABIES VACCINE</u>	
16T5.81	KILLED VIRUS	112
16T9.20	MODIFIED LIVE & KILLED VIRUS	107, 195A
	<u>FELINE RHINOTRACHEITIS-CALICI-PNEUMONITIS VACCINE</u>	
16F1.90	MODIFIED LIVE VIRUS & CHLAMYDIA	225
	<u>FELINE RHINOTRACHEITIS-PANLEUKOPENIA VACCINE</u>	
16B9.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	264
	<u>FOWL LARYNGOTRACHEITIS VACCINE</u>	
1601.01	MODIFIED LIVE VIRUS	165A
1601.10	LIVE VIRUS	165A 196
1601.11	MODIFIED LIVE VIRUS	165A 195 196 226 243 286
1601.12	LIVE VIRUS	165A
1601.13	MODIFIED LIVE VIRUS	226
	<u>FOWL POX VACCINE</u>	
1621.00	LIVE VIRUS	165A 196 243 269
1621.01	LIVE VIRUS	269
1621.10	LIVE VIRUS	165A 195 196 226 243 286
1621.11	LIVE VIRUS	195
1622.00	LIVE VIRUS	279

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
<u>FOWL POX-MAREK'S DISEASE VACCINE</u>					
1632.01	LIVE TURKEY HERPESVIRUS, LIVE VIRUS, COMBINATION PACKAGE	279			
<u>FOX ENCEPHALITIS VACCINE</u>					
1635.20	KILLED VIRUS	245			
<u>MAREK'S DISEASE VACCINE</u>					
1631.00	LIVE CHICKEN HERPESVIRUS	195 271	196 275	226 279	240 286
1641.00	LIVE TURKEY HERPESVIRUS, CELL ASSOCIATED	3 243 279	195 269 286	196 271	226 275
1641.01	LIVE TURKEY HERPESVIRUS, CELL FREE	3 226 275	165A 243 279	195 269	196 271
1641.04	LIVE TURKEY HERPESVIRUS, CELL FREE	3			
1651.00	LIVE CHICKEN & TURKEY HERPESVIRUS	195 279	196 286	226	271
<u>MEASLES VACCINE</u>					
1661.20	MODIFIED LIVE VIRUS	124			
<u>MINK DISTEMPER VACCINE</u>					
1451.00	MODIFIED LIVE VIRUS	165A	245		
1451.01	MODIFIED LIVE VIRUS	165A	245		
<u>MINK ENTERITIS VACCINE</u>					
1685.00	KILLED VIRUS	165A	245		
1685.20	KILLED VIRUS	245			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
<u>NEWCASTLE DISEASE VACCINE</u>					
1705.10	KILLED VIRUS	196	269	286	
1705.11	KILLED VIRUS	195	240		
1711.10	B1 TYPE,B1 STRAIN,LIVE VIRUS	165A 240 286	195 243	196 269	226 279
1721.10	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	165A 240	195 243	196 269	226 286
1721.11	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	226	279	286	
1723.10	B1 TYPE,LASOTA STRAIN,LIVE VIRUS	279			
1731.10	ROAKIN TYPE,LIVE VIRUS	240			
17A2.10	B1 TYPE,B1 STRAIN,LIVE VIRUS	279			
<u>NEWCASTLE DISEASE-AVIAN ENCEPHALOMYELITIS VACCINE</u>					
1745.10	KILLED VIRUS	240			
<u>NEWCASTLE-BRONCHITIS VACCINE</u>					
1761.10	B1 TYPE,B1 STRAIN,FLORIDA TYPE,LIVE VIRUS	196			
1761.11	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	195 243	196 269	226 279	240 286
1761.12	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	195 243	196 286	226	240
1761.13	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	165A 279	195 286	196	243
1761.14	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	195 286	226	243	279
1761.16	B1 TYPE,B1 STRAIN,MASS & JMK TYPES, LIVE VIRUS	226	279		
1761.17	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	165A	196	243	286
1761.18	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	196	226		

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
1761.19	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	226	243		
1761.1B	B1 TYPE,B1 STRAIN,MASS & FLORIDA TYPES, LIVE VIRUS	196			
1761.1H	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS,CHICKEN EMBRYO ORIGIN	243			
1761.1M	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	243			
1762.11	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	279			
1762.12	B1 TYPE,B1 STRAIN,MASS TYPE,LIVE VIRUS	196			
1762.13	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	279			
1762.17	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	279			
1762.1A	B1 TYPE,B1 STRAIN,MASS & JMK TYPES, LIVE VIRUS	279			
1762.1H	B1 TYPE,B1 STRAIN,MASS & CONN TYPES, LIVE VIRUS	279			
1771.11	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	195 279	196 286	240	269
1771.12	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	165A	195	243	286
1771.13	B1 TYPE,LASOTA STRAIN,CONN TYPE, LIVE VIRUS	286			
1771.14	B1 TYPE,LASOTA STRAIN,MASS & CONN TYPES, LIVE VIRUS	226	243	286	
1771.17	B1 TYPE,LASOTA STRAIN,MASS & CONN TYPES, LIVE VIRUS	165A	243	286	
1771.18	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	196	226		
1771.19	B1 TYPE,LASOTA STRAIN,MASS TYPE, LIVE VIRUS	226	243		
1773.10	B1 TYPE,B1 STRAIN,CONN TYPE,LIVE VIRUS	279			
1775.10	MASS TYPE,KILLED VIRUS	196	286		
17A1.1A	B1 TYPE,B1 STRAIN,ARK TYPE,LIVE VIRUS	286			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
17A1.1M	B1 TYPE,B1 STRAIN,MASS & ARK TYPES, LIVE VIRUS	165A 195 226 243 279 286
17A2.1M	B1 TYPE,B1 STRAIN,MASS & ARK TYPES, LIVE VIRUS	279
17A3.1M	B1 TYPE,B1 STRAIN,MASS & ARK TYPES, LIVE VIRUS	240 279
<u>OVINE ECTHYMA VACCINE</u>		
1821.00	LIVE VIRUS	188
1821.50	LIVE VIRUS	52
<u>OVINE ENZOOTIC ABORTION VACCINE</u>		
1835.00	KILLED CHLAMYDIA	188
<u>PARAINFLUENZA 3 VACCINE</u>		
1841.00	MODIFIED LIVE VIRUS	107 188
1841.20	MODIFIED LIVE VIRUS	107
<u>PARVOVIRUS VACCINE</u>		
18M1.00	MODIFIED LIVE VIRUS	264
18M1.20	MODIFIED LIVE VIRUS	112C 124 189 195A 225 243A 264 272 292
18M1.21	MODIFIED LIVE VIRUS	189 195A 264
18M5.20	KILLED VIRUS	107 195A 272
18M5.21	KILLED VIRUS	189 195A
18P5.00	KILLED VIRUS	124 195
18P5.20	KILLED VIRUS	52 124 189 225 264

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>PASTEURELLA HAEMOLYTICA VACCINE</u>		
1851.00	AVIRULENT LIVE CULTURE	189 269
<u>PASTEURELLA MULTOCIDA VACCINE</u>		
1871.01	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	165A 195A 196 280 309
1871.02	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	165A 196
1871.05	AVIRULENT LIVE CULTURE, AVIAN ISOLATES	196
1871.06	AVIRULENT LIVE CULTURE, BOVINE ISOLATES	189
<u>PIGEON POX VACCINE</u>		
1881.10	LIVE VIRUS	165A 196 226 243 286
1881.11	LIVE VIRUS	196
<u>PORCINE ROTAVIRUS VACCINE</u>		
19E1.20	MODIFIED LIVE VIRUS	281
<u>PORCINE ROTAVIRUS- TRANSMISSIBLE GASTROENTERITIS VACCINE</u>		
19H1.20	MODIFIED LIVE VIRUS	281
<u>PSEUDORABIES VACCINE</u>		
1891.20	MODIFIED LIVE VIRUS	124 189 264
1895.00	KILLED VIRUS	195
1895.20	KILLED VIRUS	52 189 225

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
<u>RABIES VACCINE</u>						
1901.03	MODIFIED LIVE VIRUS,HIGH CELL PASSAGE, SAD STRAIN	124	264			
1901.22	MODIFIED LIVE VIRUS,HIGH EGG PASSAGE, FLURY STRAIN	189				
1905.20	KILLED VIRUS	107 225	112C 264	189 298	195A	
1905.21	KILLED VIRUS	107	189	195A	298	
1905.51	KILLED VIRUS	112	165B			
1905.55	KILLED VIRUS	112	165B	277		
<u>SENDAI VACCINE</u>						
19M5.10	KILLED VIRUS	278				
<u>STREPTOCOCCUS GROUP E VACCINE</u>						
1941.00	AVIRULENT LIVE CULTURE	112				
<u>TENOSYNOVITIS VACCINE</u>						
1951.01	MODIFIED LIVE VIRUS	165A 286	195	196	243	
1951.02	MODIFIED LIVE VIRUS	243				
1951.10	LIVE VIRUS	226				
1951.11	MODIFIED LIVE VIRUS	195				
1955.00	KILLED VIRUS	280				
<u>TRANSMISSIBLE GASTROENTERITIS VACCINE</u>						
1961.00	MODIFIED LIVE VIRUS	213				
1961.20	MODIFIED LIVE VIRUS	112	281			

VACCINES AND VIRUSES

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>VESICULAR STOMATITIS VACCINE</u>	
1975.00	KILLED VIRUS	188
1975.20	KILLED VIRUS	124 189 213 306
	<u>WART VACCINE</u>	
1985.50	KILLED VIRUS	52 112 112A 188 213 243A

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>AEROMONAS SALMONICIDA BACTERIN</u>				
2035.00		277			
	<u>AEROMONAS SALMONICIDA-ENTERIC REDMOUTH BACTERIN</u>				
2036.00		277			
	<u>AEROMONAS SALMONICIDA-VIBRIO ANGUILLARUM BACTERIN</u>				
2037.00		277			
	<u>AUTOGENOUS BACTERIN</u>				
2051.00		112	188	195	196
		225	240	245	277
		285	303	309	
	<u>BACTEROIDES NODOSUS BACTERIN</u>				
2080.00		311			
	<u>BORDETELLA BRONCHISEPTICA BACTERIN</u>				
2100.00		165A	189	195	225
		264	272		
2100.01		264	272		
	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX RHUSIOPATHIAE BACTERIN</u>				
2103.00		189	195	272	

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
2106.00	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX</u> <u>RHUSIOPATHIAE-ESCHERICHIA COLI-</u> <u>PASTEURELLA MULTOCIDA BACTERIN</u>	195
2105.00	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX</u> <u>RHUSIOPATHIAE-HAEMOPHILUS</u> <u>PLEUROPNEUMONIAE BACTERIN</u>	189
2107.00	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX</u> <u>RHUSIOPATHIAE-HAEMOPHILUS</u> <u>PLEUROPNEUMONIAE-PASTEURELLA MULTOCIDA</u> <u>BACTERIN</u>	189
2101.00	<u>BORDETELLA BRONCHISEPTICA-ERYSIPELOTHRIX</u> <u>RHUSIOPATHIAE-PASTEURELLA MULTOCIDA</u> <u>BACTERIN</u>	165A 189 195 264 272
2101.01		264
2112.00	<u>BORDETELLA BRONCHISEPTICA-</u> <u>ESCHERICHIA COLI BACTERIN</u>	264
2112.01		264
2116.00	<u>BORDETELLA BRONCHISEPTICA-</u> <u>ESCHERICHIA COLI-PASTEURELLA MULTOCIDA</u> <u>BACTERIN</u>	165A

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>BORDETELLA BRONCHISEPTICA-LEPTOSPIRA</u> <u>CANICOLA-ICTEROHAEMORRHAGIAE BACTERIN</u>				
2104.00		189			
	<u>BORDETELLA BRONCHISEPTICA-PASTEURELLA</u> <u>MULTOCIDA BACTERIN</u>				
2108.00		165A 189	195	225	
		243A 272	281		
2108.01		264			
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM BACTERIN</u>				
2401.00		52	112A 124	188	
		213	225 272		
2401.01		124	188		
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>				
2460.00		52	112A 124	188	
		213	225 272		
2460.01		188			
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-PASTEURELLA</u> <u>MULTOCIDA BACTERIN</u>				
2461.00		188			
	<u>CLOSTRIDIUM HAEMOLYTICUM BACTERIN</u>				
2465.00		52	112A 124	188	
		225			
2465.01		213			

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>CORYNEBACTERIUM PYOGENES-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>				
2633.00		52	112		
	<u>ENTERIC REDMOUTH BACTERIN</u>				
2638.00		264	277	285	296
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE BACTERIN</u>				
2641.00		52	107	112A	124
		165A	188	189	195
		195A	196	213	225
		243A	264	272	
2641.01		188			
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE-HAEMOPHILUS</u> <u>PLEUROPNEUMONIAE BACTERIN</u>				
2640.00		189			
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE-LEPTOSPIRA</u> <u>CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>				
2642.00		189			
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE-PASTEURELLA</u> <u>MULTOCIDA BACTERIN</u>				
2645.01	PORCINE ISOLATES	264			
2645.03	AVIAN ISOLATES, TYPES 1, 3 & 4	196			
	<u>ESCHERICHIA COLI BACTERIN</u>				
2648.00		287			
2648.01		213			

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
2648.03		264
2648.04		189
2648.08		195
2648.40		112 112A 225
2648.42		264
2648.43		165A
2648.44		195
2648.45		225
2648.46		196
2648.47		124
2648.48		225
2648.49		243A
2648.50		165A
2648.51		281
2648.52		243A
2648.54		225
2648.55		264
2648.56		189
	<u>ESCHERICHIA COLI-PASTEURELLA</u> <u>ANATIPESTIFER BACTERIN</u>	
2850.00		268
	<u>ESCHERICHIA COLI-PASTEURELLA HAEMOLYTICA-</u> <u>MULTOCIDA-SALMONELLA TYPHIMURIUM BACTERIN</u>	
2651.00		112 290

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ESCHERICHIA COLI-PASTEURELLA MULTOCIDA-SALMONELLA CHOLERAESUIS BACTERIN</u>	
2650.00		112 225
	<u>HAEMOPHILUS GALLINARUM BACTERIN</u>	
2658.00		195
	<u>HAEMOPHILUS PLEUROPNEUMONIAE BACTERIN</u>	
2657.00		189 225 301
	<u>HAEMOPHILUS SOMNUS BACTERIN</u>	
2659.00		124 225 272
	<u>HAEMOPHILUS SOMNUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2663.00		124
	<u>HAEMOPHILUS SOMNUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA-MORAXELLA BOVIS-VIBRIO FETUS BACTERIN</u>	
2670.00		124
	<u>HAEMOPHILUS SOMNUS-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
2660.00		124 225

*** BACTERINS & BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>HAEMOPHILUS SOMNUS-VIBRIO FETUS-</u> <u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2664.00		124
	<u>LEPTOSPIRA CANICOLA BACTERIN</u>	
2661.00		188
	<u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2665.00		52 107 112 124 165A 188 195A 213 225 243A 264 272
2665.01		124 188 189 272
2665.02		189
	<u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA-STAPHYLOCOCCUS</u> <u>AUREUS BACTERIN</u>	
2666.00		124
	<u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
2668.00		195A
	<u>LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE</u> <u>BACTERIN</u>	
2671.00		107 112 112C 124 188 189 195A 225 243A 264 272
2671.01		264

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>				
2673.00		213			
	<u>LEPTOSPIRA GRIPPOTYPHOSA BACTERIN</u>				
2675.00		188			
	<u>LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>				
2681.00		112	188	189	225
		264	272		
	<u>LEPTOSPIRA HARDJO BACTERIN</u>				
26M7.00		189			
	<u>LEPTOSPIRA HARDJO-POMONA BACTERIN</u>				
2688.00		189			
	<u>LEPTOSPIRA POMONA BACTERIN</u>				
2691.00		52	107	112	124
		188	189	213	225
		243A	264	272	
2691.01		188			
	<u>LEPTOSPIRA POMONA-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>				
2695.00		124			

*** BACTERINS & BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>MORAXELLA BOVIS BACTERIN</u>	
2772.00		165A 189
	<u>MYCOPLASMA GALLISEPTICUM BACTERIN</u>	
2774.00		195
	<u>MYCOPLASMA SYNOVIAE BACTERIN</u>	
2776.00		195
	<u>MYCOBACTERIUM PARATUBERCULOSIS BACTERIN</u>	
2773.00		195A
	<u>PASTEURELLA ANATIPESTIFER BACTERIN</u>	
2698.00		268
	<u>PASTEURELLA HAEMOLYTICA-MULTOCIDA- BACTERIN</u>	
2700.00		112 124 188 213 225 243A 264 272
	<u>PASTEURELLA HAEMOLYTICA-MULTOCIDA- SALMONELLA TYPHIMURIUM BACTERIN</u>	
2708.00		290
	<u>PASTEURELLA MULTOCIDA BACTERIN</u>	
2701.01	PORCINE ISOLATES	124 264 307H
2701.22	BOVINE & PORCINE ISOLATES	188
2701.52	BOVINE & PORCINE ISOLATES	188

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
2702.13	AVIAN ISOLATES, TYPES 1, 3 & 4	195 196 240 309
	<u>PSEUDOMONAS AERUGINOSA BACTERIN</u>	
2735.00		165A
	<u>RAM EPIDIDYMITIS BACTERIN</u>	
2771.00		188
	<u>SALMONELLA CHOLERAESUIS BACTERIN</u>	
2781.00		225
	<u>SALMONELLA DUBLIN-TYPHIMURIUM BACTERIN</u>	
2821.00		52 188
	<u>STAPHYLOCOCCUS AUREUS BACTERIN</u>	
2852.00		124
	<u>STREPTOCOCCUS EQUI BACTERIN</u>	
2855.00		112
	<u>STREPTOCOCCUS EQUI BACTERIAL EXTRACT</u>	
2856.00		52 107
	<u>TREPONEMA HYODYSENTERIAE BACTERIN</u>	
2857.00		52

*** BACTERINS & BACTERIAL EXTRACTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>				
<u>VIBRIO ANGUILLARUM BACTERIN</u>						
2858.01	BIVALENT CONCENTRATE	285				
2858.02		264	277	285	296	
<u>VIBRIO FETUS BACTERIN</u>						
2861.00	OVINE ISOLATES	188				
2862.00	BOVINE ISOLATES	52 225	112A 272	124	165A	
2862.10	BOVINE ISOLATES	112	188	189		
<u>VIBRIO FETUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>						
2863.00		52 195A	124 225	188 272	189	
2863.10		112				
<u>VIBRIO FETUS-LEPTOSPIRA-CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA-CLOSTRIDIUM HAEMOLYTICA BACTERIN</u>						
2864.00		52				
<u>VIBRIO FETUS-LEPTOSPIRA-GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>						
2869.10		112				
<u>VIBRIO FETUS-LEPTOSPIRA POMONA BACTERIN</u>						
2865.00		52 225	112A	124	189	

ANTISERUM

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI-</u> <u>PASTEURELLA HAEMOLYTICA-MULTOCIDA-</u> <u>SALMONELLA TYPHIMURIUM ANTISERUM</u>	
3391.00	BOVINE ISOLATES & ORIGIN	188
	<u>CORYNEBACTERIUM PYOGENES-ESCHERICHIA COLI-</u> <u>PASTEURELLA MULTOCIDA-SALMONELLA</u> <u>TYPHIMURIUM ANTISERUM</u>	
3399.00	BOVINE ISOLATES & ORIGIN	124
3400.00	BOVINE ISOLATES & ORIGIN, CONCENTRATE	124
	<u>CORYNEBACTERIUM PYOGENES-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA ANTISERUM</u>	
3414.02	BOVINE & PORCINE ISOLATES, BOVINE ORIGIN	188
	<u>CORYNEBACTERIUM PYOGENES-PASTEURELLA</u> <u>MULTOCIDA ANTISERUM</u>	
3501.00	BOVINE ISOLATES & ORIGIN	188
3501.02	BOVINE & PORCINE ISOLATES, BOVINE ORIGIN	188
3504.00	BOVINE ISOLATES & ORIGIN, CONCENTRATE	188
3504.02	BOVINE & PORCINE ISOLATES, BOVINE ORIGIN, CONCENTRATE	188
	<u>DUCK VIRUS HEPATITIS YOLK ANTIBODY</u>	
3508.00		268
	<u>ERYSIPELOTHRIX RHUSIOPATHIAE ANTISERUM</u>	
3511.00	EQUINE ORIGIN	124 188

ANTISERUM

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ESCHERICHIA COLI MONOCLONAL ANTIBODY</u>	
3525.00		284
	<u>ESCHERICHIA COLI-PASTEURELLA MULTOCIDA-SALMONELLA TYPHIMURIUM ANTISERUM</u>	
3531.00	BOVINE ISOLATES & ORIGIN	188
	<u>NORMAL PLASMA</u>	
3601.00	EQUINE ORIGIN	310
	<u>NORMAL SERUM</u>	
3602.00	EQUINE ORIGIN	188

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BORDETELLA BRONCHISEPTICA VACCINE-</u> <u>PASTEURELLA MULTOCIDA BACTERIN</u>	
4004.01	AVIRULENT LIVE CULTURE	124
	<u>BOVINE RHINOTRACHEITIS-DIARRHEA-</u> <u>PARAINFLUENZA 3 VACCINE-HAEMOPHILUS</u> <u>SOMNUS-VIBRIO FETUS-LEPTOSPIRA CANICOLA-</u> <u>GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-</u> <u>POMONA BACTERIN</u>	
4489.30	MODIFIED LIVE VIRUS	124
	<u>BOVINE RHINOTRACHEITIS VACCINE-</u> <u>HAEMOPHILUS SOMNUS-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4009.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124
	<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA</u> <u>CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4019.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
	<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA</u> <u>GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>	
4059.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
4059.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272
	<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA</u> <u>POMONA BACTERIN</u>	
4089.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 188 213 243A 264
4089.01	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52
4089.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124 189 243A 272

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BOVINE RHINOTRACHEITIS VACCINE-LEPTOSPIRA</u> <u>POMONA-PASTEURELLA HAEMOLYTICA-MULTOCIDA</u> <u>BACTERIN</u>	
4119.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-HAEMOPHILUS SOMNUS BACTERIN</u>	
4135.00	KILLED VIRUS	124
4139.20	MODIFIED LIVE VIRUS	124 225
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-HAEMOPHILUS SOMNUS-LEPTOSPIRA</u> <u>CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4181.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-HAEMOPHILUS SOMNUS-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>	
4165.00	KILLED VIRUS	124
4169.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124 225
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-</u> <u>HARDJO-ICTEROHAEMORRHAGIAE-POMONA</u> <u>BACTERIN</u>	
4129.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188 213
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-</u> <u>POMONA BACTERIN</u>	
4179.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
4179.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>	
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-LEPTOSPIRA POMONA BACTERIN</u>		
4209.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188	213
4209.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	272
4209.31	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52	
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-LEPTOSPIRA POMONA-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>		
4239.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	
	<u>BOVINE RHINOTRACHEITIS-PARAINFLUENZA 3</u> <u>VACCINE-PASTEURELLA HAEMOLYTICA-MULTOCIDA</u> <u>BACTERIN</u>		
4265.00	KILLED VIRUS	112	124
4265.20	KILLED VIRUS	112	
4269.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213	243A 264
4269.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272	
	<u>BOVINE RHINOTRACHEITIS VACCINE-</u> <u>PASTEURELLA HAEMOLYTICA-MULTOCIDA</u> <u>BACTERIN</u>		
4299.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272	
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA</u> <u>VACCINE-HAEMOPHILUS SOMNUS-LEPTOSPIRA</u> <u>CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>		
4241.30	MODIFIED LIVE VIRUS	124	

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA</u> <u>VACCINE-HAEMOPHILUS SOMNUS-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>				
4319.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124			
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA</u> <u>VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-</u> <u>HARDJO-ICTEROHAEMORRHAGIAE-POMONA</u> <u>BACTERIN</u>				
4335.20	KILLED VIRUS	272			
4339.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188	213		
4339.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189			
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA</u> <u>VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-</u> <u>POMONA BACTERIN</u>				
4359.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188			
4359.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272			
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA</u> <u>VACCINE-LEPTOSPIRA POMONA BACTERIN</u>				
4385.20	KILLED VIRUS	272			
4389.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52 264	188	213	243A
4389.01	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	243A			
4389.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189	272		
4389.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124			
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA</u> <u>VACCINE-LEPTOSPIRA POMONA-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN</u>				
4419.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124			

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS BACTERIN</u>			
44H9.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272		
44H9.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124		
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA- HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>			
4491.30	MODIFIED LIVE VIRUS	124		
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-HAEMOPHILUS SOMNUS-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>			
4459.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124		
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>			
4439.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188	213	243A
4439.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189	272	
4439.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52	124	
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-LEPTOSPIRA GRIPPOTYPHOSA-HARDJO-POMONA BACTERIN</u>			
4479.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188		
4479.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272		

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>		
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA BACTERIN</u>			
4509.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188	213	264
4509.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189	272	
4509.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	52		
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>			
4535.20	KILLED VIRUS	112		
4539.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213	243A	264
4539.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272		
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3- RESPIRATORY SYNCYTIAL VIRUS VACCINE- LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>			
4469.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE		213	
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA- PARAINFLUENZA 3 VACCINE VIBRIO FETUS- LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO- ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>			
4560.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189	272	
	<u>BOVINE RHINOTRACHEITIS-VIRUS DIARRHEA VACCINE-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN</u>			
4429.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	272		

*** VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BOVINE ROTA-CORONAVIRUS VACCINE- ESCHERICHIA COLI BACTERIN</u>	
4589.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
	<u>BOVINE VIRUS DIARRHEA VACCINE-LEPTOSPIRA POMONA BACTERIN</u>	
4599.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188
4599.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
	<u>BURSAL DISEASE-NEWCASTLE DISEASE VACCINE- PASTEURELLA MULTOCIDA BACTERIN</u>	
4635.10	KILLED VIRUS, AVIAN ISOLATES TYPES 1, 3 & 4	240
	<u>CANINE ADENOVIRUS TYPE 2-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>	
4605.20	KILLED VIRUS	272
4608.20	MODIFIED LIVE & KILLED VIRUS	272
	<u>CANINE CORONA-PARVOVIRUS VACCINE- LEPTOSPIRA BACTERIN</u>	
4851.20	MODIFIED LIVE VIRUS	112C
	<u>CANINE CORONAVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>	
46E1.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	112C
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- HEPATITIS-PARAINFLUENZA-PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>	
46A9.20	MODIFIED LIVE & KILLED VIRUS	272

*** VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
49A9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	272
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2</u> <u>VACCINE-LEPTOSPIRA BACTERIN</u>	
4629.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
4629.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-</u> <u>PARAINFLUENZA VACCINE-BORDETELLA</u> <u>BRONCHISEPTICA-LEPTOSPIRA BACTERIN</u>	
4649.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-</u> <u>PARAINFLUENZA VACCINE-LEPTOSPIRA BACTERIN</u>	
4659.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 189
4659.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A
	<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2-</u> <u>PARAINFLUENZA-PARVOVIRUS VACCINE-</u> <u>LEPTOSPIRA BACTERIN</u>	
4638.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A
4638.31	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A
4639.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	112C 189
4639.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	195A
4639.31	MODIFIED LIVE & KILLED VIRUS, TISSUE CULTURE & CELL LINE ORIGIN	195A
4639.40	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107 189

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
<u>CANINE DISTEMPER-ADENOVIRUS TYPE 2- PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>					
4679.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A			
<u>CANINE DISTEMPER-HEPATITIS VACCINE- LEPTOSPIRA BACTERIN</u>					
4681.20	MODIFIED LIVE VIRUS	272			
4689.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	112	243A		
4689.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 264	112C 272	124	225
4689.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A	225		
4689.40	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188			
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE-BORDETELLA BRONCHISEPTICA BACTERIN</u>					
4789.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	264			
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA VACCINE-LEPTOSPIRA BACTERIN</u>					
4809.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	243A			
4809.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	107 264	112C 272	124	225
4809.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	195A	225		
<u>CANINE DISTEMPER-HEPATITIS-PARAINFLUENZA- PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>					
47P9.20	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	107	272		
47P9.21	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	112C	124	225	264
47P9.22	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	124	264		

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>			
47P9.30	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	243A			
	<u>ENCEPHALOMYELITIS-INFLUENZA VACCINE-TETANUS TOXOID</u>				
4835.41	EASTERN, WESTERN, KILLED VIRUS	112			
4835.43	EASTERN, WESTERN, KILLED VIRUS	52			
4875.A0	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	287			
	<u>ENCEPHALOMYELITIS VACCINE-TETANUS TOXOID</u>				
4865.00	EASTERN, WESTERN, KILLED VIRUS	52	107	112	188
4865.23	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	287			
4865.33	EASTERN, WESTERN, VENEZUELAN, KILLED VIRUS	107			
	<u>EQUINE INFLUENZA VACCINE-TETANUS TOXOID</u>				
4895.10	KILLED VIRUS	112	287		
4895.20	KILLED VIRUS	52			
	<u>ERYSIPLOTHRIX RHUSIOPATHIAE VACCINE-LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>				
4909.00	AVIRULENT LIVE CULTURE, COMBINATION PACKAGE	112	124	165A	189
	<u>MINK DISTEMPER VACCINE-CLOSTRIDIUM BOTULINUM TYPE C BACTERIN-TOXOID</u>				
4919.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	245			

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>MINK DISTEMPER-ENTERITIS VACCINE-</u> <u>CLOSTRIDIUM BOTULINUM TYPE C</u> <u>BACTERIN-TOXOID</u>	
4929.00	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	165A 245
4959.30	MODIFIED LIVE & KILLED VIRUS, COMBINATION PACKAGE	165A 245
	<u>MINK DISTEMPER-ENTERITIS VACCINE-</u> <u>CLOSTRIDIUM BOTULINUM TYPE C PSEUDOMONAS</u> <u>AERUGINOSA BACTERIN-TOXOID</u>	
4949.30	MODIFIED LIVE & KILLED VIRUS	165A
	<u>MINK ENTERITIS VACCINE-CLOSTRIDIUM</u> <u>BOTULINUM TYPE C BACTERIN-TOXOID</u>	
4955.00	KILLED VIRUS	165A 245
4955.20	KILLED VIRUS	165A 245
	<u>MINK ENTERITIS VACCINE-CLOSTRIDIUM</u> <u>BOTULINUM TYPE C PSEUDOMONAS AERUGINOSA</u> <u>BACTERIN-TOXOID</u>	
49A5.20	KILLED VIRUS	165A
	<u>OVINE ENZOOTIC ABORTION VACCINE-VIBRIO</u> <u>FETUS BACTERIN</u>	
4945.00	KILLED CHLAMYDIA	188
	<u>PARAINFLUENZA 3 VACCINE-LEPTOSPIRA POMONA</u> <u>BACTERIN</u>	
4989.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	188

*** : VACCINES WITH BACTERINS/TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>PARVOVIRUS VACCINE-ERYSIPELOTHRIX-</u> <u>RHUSIOPATHIAE-LEPTOSPIRA CANICOLA-</u> <u>GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-</u> <u>POMONA-PASTEURELLA MULTOCIDA BACTERIN</u>	
4915.20	KILLED VIRUS	264
	<u>PARVOVIRUS VACCINE-LEPTOSPIRA BACTERIN</u>	
4960.00	MODIFIED LIVE VIRUS	124 243A 264
4960.01	MODIFIED LIVE VIRUS	264
4965.20	KILLED VIRUS	107 189 195A 272
4965.21	KILLED VIRUS	195A
	<u>PARVOVIRUS VACCINE-LEPTOSPIRA CANICOLA-</u> <u>GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-</u> <u>POMONA BACTERIN</u>	
4975.00	KILLED VIRUS	195A
4975.20	KILLED VIRUS	112 189 225 264 272
	<u>PARVOVIRUS-PSEUDORABIES VACCINE-</u> <u>LEPTOSPIRA CANICOLA-GRIPPOTYPHOSA-HARDJO-</u> <u>ICTEROHAEMORRHAGIAE-POMONA BACTERIN</u>	
4889.20	MODIFIED LIVE & KILLED VIRUS	264
	<u>PORCINE ROTAVIRUS VACCINE-</u> <u>ESCHERICHIA COLI BACTERIN</u>	
49K1.20	MODIFIED LIVE VIRUS	281
	<u>PORCINE ROTAVIRUS-</u> <u>TRANSMISSIBLE GASTROENTERITIS VACCINE-</u> <u>ESCHERICHIA COLI BACTERIN</u>	
49P1.20	MODIFIED LIVE VIRUS	281

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>PSEUDORABIES VACCINE-BORDETELLA</u> <u>BRONCHISEPTICA-ERYSIPELOTHRIX</u> <u>RHUSIOPATHIAE-PASTEURELLA MULTOCIDA</u> <u>BACTERIN</u>	
4991.20	MODIFIED LIVE VIRUS	264
	<u>PSEUDORABIES VACCINE-LEPTOSPIRA CANICOLA-</u> <u>GRIPPOTYPHOSA-HARDJO-ICTEROHAEMORRHAGIAE-</u> <u>POMONA BACTERIN</u>	
4999.20	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
4999.21	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	189
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE-</u> <u>BORDETELLA BRONCHISEPTICA-CLOSTRIDIUM</u> <u>PERFRINGENS TYPE C-ESCHERICHIA COLI-</u> <u>PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>	
49J9.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE-</u> <u>CLOSTRIDIUM PERFRINGENS TYPE C</u> <u>BACTERIN-TOXOID</u>	
49M9.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213
49M9.20	MODIFIED LIVE VIRUS	112
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE-</u> <u>CLOSTRIDIUM PERFRINGENS TYPE C-</u> <u>ESCHERICHIA COLI BACTERIN-TOXOID</u>	
49H9.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213
	<u>TRANSMISSIBLE GASTROENTERITIS VACCINE-</u> <u>ESCHERICHIA COLI BACTERIN</u>	
4988.00	MODIFIED LIVE VIRUS, COMBINATION PACKAGE	213

DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ALEUTIAN DISEASE COUNTERELECTROPHORESIS ANTIGEN</u>	
5005.00		245
	<u>AVIAN ENCEPHALOMYELITIS ANTIBODY TEST KIT</u>	
5006.00		313
	<u>AVIAN LEUKOSIS DIAGNOSTIC KIT</u>	
5007.00		291
	<u>AVIAN REOVIRUS ANTIBODY TEST KIT</u>	
5008.00		313
	<u>BOVINE LEUKEMIA ANTIBODY TEST KIT</u>	
5505.20		264
	<u>CANINE BRUCELLOSIS ANTIBODY TEST KIT</u>	
5021.00		264
	<u>CANINE DISTEMPER VIRUS ANTIBODY TEST KIT</u>	
5020.00		272A 299
	<u>CANINE HEARTWORM ANTIBODY TEST KIT</u>	
5023.00		264 295 299 312
	<u>CANINE HEARTWORM ANTIGEN TEST KIT</u>	
5018.00		295

DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CANINE PARVOVIRUS ANTIBODY TEST KIT</u>	
5022.00		272A
	<u>CANINE PARVOVIRUS TEST KIT</u>	
5024.00		272A 297
	<u>CANINE RHEUMATOID FACTOR TEST KIT</u>	
5012.00		312
	<u>ECTROMELIA VIRUS ANTIBODY TEST KIT</u>	
5025.00		264 293
	<u>EQUINE INFECTIOUS ANEMIA ANTIBODY TEST KIT</u>	
5515.20		264 272A
5515.21		264
	<u>ESCHERICHIA COLI ANTIGEN TEST KIT</u>	
5032.00		284
	<u>FELINE INFECTIOUS PERITONITIS ANTIBODY TEST KIT</u>	
5029.00		272A 278 299
	<u>FELINE LEUKEMIA VIRUS ANTIBODY TEST KIT</u>	
5026.00		299

DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>FELINE LEUKEMIA VIRUS TEST KIT</u>	
5028.00		264 272A 299 312
	<u>INFECTIOUS BRONCHITIS VIRUS ANTIBODY TEST KIT</u>	
5030.00		278 313
	<u>INFECTIOUS BURSAL DISEASE ANTIBODY TEST KIT</u>	
5040.00		278 313
	<u>KILHAM RAT VIRUS & H-1 VIRUS ANTIBODY TEST KIT</u>	
5046.00		293
	<u>LEPTOSPIRA CANICOLA ANTIGEN</u>	
5051.00		112
	<u>LEPTOSPIRA GRIPPOTYPHOSA ANTIGEN</u>	
5053.00		112
	<u>LEPTOSPIRA HARDJO ANTIGEN</u>	
5055.00		112
	<u>LEPTOSPIRA ICTEROHAEMORRHAGIAE ANTIGEN</u>	
5057.00		112

DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>LEPTOSPIRA POMONA ANTIGEN</u>	
5059.00		112
	<u>MINUTE VIRUS OF MICE ANTIBODY TEST KIT</u>	
5060.00		293
	<u>MOUSE HEPATITIS VIRUS ANTIBODY TEST KIT</u>	
5061.00		293
	<u>MURINE ENCEPHALOMYELITIS VIRUS ANTIBODY TEST KIT</u>	
5063.00		293
	<u>MURINE MYCOPLASMA PULMONIS ANTIBODY TEST KIT</u>	
5065.00		264 293
5065.01		293
	<u>MURINE VIRUS ANTIBODY SCREEN TEST KIT</u>	
5068.00		293
	<u>MYCOPLASMA GALLISEPTICUM ANTIGEN</u>	
5071.00	S-6 SEROTYPE, PLATE	195
	<u>MYCOPLASMA GALLISEPTICUM ANTIBODY TEST KIT</u>	
5070.00		278

DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>MYCOPLASMA MELEAGRIDIS ANTIGEN</u>	
5072.00	H SEROTYPE, PLATE	195
	<u>MYCOPLASMA SYNOVIAE ANTIGEN</u>	
5073.00	S-SEROTYPE, PLATE	195
	<u>NEWCASTLE DISEASE ANTIBODY TEST KIT</u>	
5080.00		278 313
	<u>PNEUMONIA VIRUS OF MICE ANTIBODY TEST KIT</u>	
5090.00		293
5090.01		293
	<u>PSEUDORABIES VIRUS ANTIBODY TEST KIT</u>	
5110.00		264
	<u>PULLORUM ANTIGEN</u>	
5201.00	MICROTEST	196
5206.00	STAINED ANTIGEN K POLYVALENT	195
5207.00	STAINED ANTIGEN POLYVALENT	196
5208.00	TUBE	196
	<u>RAT CORONAVIRUS SIALODACRYOADENITIS VIRUS ANTIBODY TEST KIT</u>	
5240.00		293

DIAGNOSTICS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>REOVIRUS TYPE 3 ANTIBODY TEST KIT</u>	
5260.00		293
	<u>SENDAI VIRUS ANTIBODY TEST KIT</u>	
5280.00		264 293 299A
5280.01		293 299 299A
	<u>TUBERCULIN</u>	
5301.00	MAMMALIAN, HUMAN ISOLATES, INTRADERMIC	107
5302.00	PPD BOVIS, INTRADERMIC	107
	<u>TOXOPLASMA GONDII ANTIBODY TEST KIT</u>	
5285.00		278 299

ANTITOXINS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ANTIVENIN</u>	
6101.00	(CROTALIDAE) POLYVALENT	112B
	<u>CLOSTRIDIUM PERFRINGENS TYPE C ANTITOXIN</u>	
6211.00		188 243A
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&D ANTITOXIN</u>	
6221.00		124 188 243A
	<u>CLOSTRIDIUM PERFRINGENS TYPE D ANTITOXIN</u>	
6201.00		188
	<u>TETANUS ANTITOXIN</u>	
6302.00		52 107 112 165A 188 243A

BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>BORDETELLA BRONCHISEPTICA-CLOSTRIDIUM</u> <u>PERFRINGENS TYPE C-ESCHERICHIA COLI-</u> <u>PASTEURELLA MULTOCIDA BACTERIN-TOXOID</u>	
7050.00		213
	<u>CLOSTRIDIUM BOTULINUM TYPE C</u> <u>BACTERIN-TOXOID</u>	
7010.00		165A 245
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>HAEMOLYTICUM-NOVYI-SORDELLII</u> <u>BACTERIN-TOXOID</u>	
7070.00		107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>HAEMOLYTICUM-NOVYI-SORDELLII-LEPTOSPIRA</u> <u>POMONA BACTERIN-TOXOID</u>	
7090.00		107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>HAEMOLYTICUM-NOVYI-SORDELLII-PASTEURELLA</u> <u>HAEMOLYTICA-MULTOCIDA BACTERIN-TOXOID</u>	
7140.00		107
	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-</u> <u>HAEMOLYTICUM-NOVYI-SORDELLII-PERFRINGENS</u> <u>TYPES C&D BACTERIN-TOXOID</u>	
7160.00		52 107

BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
7270.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM- HAEMOLYTICUM-NOVYI-SORDELLII-PERFRINGENS TYPES C&D-LEPTOSPIRA POMONA-PASTEURELLA HAEMOLYTICA-MULTOCIDA BACTERIN-TOXOID</u>	107
7280.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM- HAEMOLYTICUM-NOVYI-TETANI-PERFRINGENS TYPES C&D BACTERIN-TOXOID</u>	107
7330.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI BACTERIN-TOXOID</u>	52 112A 124 188
7390.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI- SORDELLII BACTERIN-TOXOID</u>	52 112A 124 188 213 225 272
7400.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI- SORDELLII-HAEMOPHILUS SOMNUS BACTERIN-TOXOID</u>	124 225
7448.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI- SORDELLII-PASTEURELLA HAEMOLYTICA- MULTOCIDA BACTERIN-TOXOID</u>	52

BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
7410.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-</u> <u>SORDELLII-PERFRINGENS TYPES C&D</u> <u>BACTERIN-TOXOID</u>	52 107 112A 124 225 272
7423.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-</u> <u>SORDELLII-PERFRINGENS TYPES C&D-</u> <u>HAEMOPHILUS SOMNUS BACTERIN-TOXOID</u>	124
7425.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-NOVYI-</u> <u>SORDELLII-PERFRINGENS TYPES C&D-MORAXELLA</u> <u>BOVIS BACTERIN-TOXOID</u>	124
7500.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII</u> <u>BACTERIN-TOXOID</u>	107
7530.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-</u> <u>PASTEURELLA HAEMOLYTICA-MULTOCIDA</u> <u>BACTERIN-TOXOID</u>	107
7561.00	<u>CLOSTRIDIUM CHAUVOEI-SEPTICUM-SORDELLII-</u> <u>PERFRINGENS TYPES C&D BACTERIN-TOXOID</u>	107
7590.00	<u>CLOSTRIDIUM HAEMOLYTICUM-NOVYI</u> <u>BACTERIN-TOXOID</u>	107

BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
7620.00	<u>CLOSTRIDIUM HAEMOLYTICUM-NOVYI- PERFRINGENS TYPES C&D BACTERIN-TOXOID</u>	107
7680.00	<u>CLOSTRIDIUM NOVYI BACTERIN-TOXOID</u>	188
7750.00	<u>CLOSTRIDIUM NOVYI-SORDELLII-PERFRINGENS TYPES C&D BACTERIN-TOXOID</u>	124
7800.00	<u>CLOSTRIDIUM PERFRINGENS TYPE C BACTERIN-TOXOID</u>	213 225
7890.00	<u>CLOSTRIDIUM PERFRINGENS TYPE C- ESCHERICHIA COLI BACTERIN-TOXOID</u>	165A 213
7870.00	<u>CLOSTRIDIUM PERFRINGENS TYPES C&D BACTERIN-TOXOID</u>	52 112 112A 213 225 272
7840.00	<u>CLOSTRIDIUM PERFRINGENS TYPE D BACTERIN-TOXOID</u>	52 112A 213 225
7850.00	<u>ESCHERICHIA COLI BACTERIN-TOXOID</u>	189

BACTERIN-TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
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7900.R0

189

STAPHYLOCOCCUS AUREUS BACTERIN-TOXOID

7960.00

107

TOXOIDS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>CLOSTRIDIUM BOTULINUM TYPE B TOXOID</u>	
8010.00		308
	<u>CLOSTRIDIUM PERFRINGENS TYPE C TOXOID</u>	
8101.00		112 188
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&D TOXOID</u>	
8201.00		107 112A 124 188
8201.01		112A 124
	<u>CLOSTRIDIUM PERFRINGENS TYPES C&D-TETANUS TOXOID</u>	
8304.00		124 188
	<u>CLOSTRIDIUM PERFRINGENS TYPE D TOXOID</u>	
8301.00		107 112 112A 124 188
	<u>CLOSTRIDIUM PERFRINGENS TYPE D-TETANUS TOXOID</u>	
8305.00		112 188
	<u>TETANUS TOXOID</u>	
8601.00		52 107 112 165A 188 225 287 308

MISCELLANEOUS PRODUCTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>ALLERGENIC EXTRACT</u>	
9521.00	HOUSE DUST	52A 259 270 283 294
9521.01	HOUSE DUST	52A
9522.01	MIXED RAGWEED	259 283 294
9522.02	MIXED TREES	52A 259 270 283 294
9522.03	MIXED GRASSES	52A 259 270 283 294
9522.04	MIXED WEEDS	52A 259 270 283 294
9522.06	MIXED TREES	52A
9522.07	MIXED GRASSES	52A
9522.08	MIXED WEEDS	52A
9523.00	MIXED MOLDS	52A 259 270 283 294
9523.01	MIXED MOLDS	52A
9524.00	MIXED INHALANTS	259 283 294
9525.00	FLEA ANTIGEN	259 283 294
9527.00	MIXED EPIDERMALS	52A 259 270 283 294
9527.01	MIXED EPIDERMALS	52A
9528.00	MIXED INSECTS	259 294
9529.00	MIXED FOODS	294
9531.00	PRESCRIPTION PRODUCT	259 270 283 294
9532.00	INTRADERMAL TEST KIT	259 283
9533.00	TREATMENT SETS	259
9535.00	TEST & TREATMENT SET	52A

MISCELLANEOUS PRODUCTS

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>FLEA ANTIGEN</u>	
9511.00	DESENSITIZING	52 52A
	<u>MYCOBACTERIUM CELL WALL IMMUNOSTIMULANT</u>	
9300.00		289 300

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
<u>AVIAN REOVIRUS INACTIVATED BULK FLUIDS</u>		
A045.00		286
A045.01		286
<u>PARVOVIRUS VACCINE</u>		
A8P5.00	KILLED VIRUS	195
<u>LEPTOSPIRA CANICOLA-ICTEROHAEMORRHAGIAE BACTERIN</u>		
B671.00		112
<u>MORAXELLA BOVIS</u>		
B772.00	KILLED CULTURE,STRAIN FLA 64	165C
B772.01	KILLED CULTURE,STRAINS EPP 63 & FLA 64	165A
<u>AVIAN REOVIRUS</u>		
E041.00	LIVE VIRUS	240
<u>BRONCHITIS VIRUS</u>		
E231.11	MASS TYPE,LIVE VIRUS	240
<u>BURSAL DISEASE VIRUS</u>		
E271.10	LIVE VIRUS	240
<u>CANINE HEARTWORM ANTIGEN TEST KIT</u>		
E018.00		295A

*** PRODUCTS FOR FURTHER MANUFACTURE ***

<u>CODE</u>	<u>PRODUCT AND FORM</u>	<u>LICENSE NOS. OF PRODUCERS</u>
	<u>NEWCASTLE DISEASE VIRUS</u>	
E711.10	B1 TYPE,B1 STRAIN,LIVE VIRUS	240
	<u>CLOSTRIDIUM PERFRINGENS TYPE C TOXOID</u>	
H101.00		112A

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